

M65 Filter

Filter M65

Media

The "M65" filter type is an H.E.P.A. or U.L.P.A. (also available in OPACIMETRIC) with pleated media in mini pleats and HOTMELT separators (which reduces the pressure drop compared to the flow). This filter is designed for the filtration of ultrafine particles. It is used in the following fields: pharmaceutical, electronics, optics, research centers, clean rooms. This panel filter comes in a wide variety of sizes and thicknesses. It is used as a terminal filter for laminar flow hoods and clean room ceilings. The "M65" filters are tested according to the latest international standards, ISO 9001, and EN 1822. Our "M65" filters are manufactured and packaged in a clean room and are guaranteed to be silicone free.

Applications: Final filtration for clean rooms and laminar flow equipment

Type: HEPA / ULPA fluid seal filter panel

Frame: Anodized aluminum profile

Seal: Clean room gel

Media: Fiberglass paper

Separators: Hot-melt separators

Option: Laminar veil

Sealant: Polyurethane

Grid: Mild steel painted white

epoxy upstream and downstream

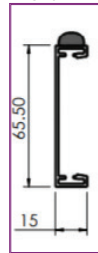
Efficiency EN 1822: H14 and U15

MPPS efficiency: 99.995% and 99.9995%

Temperature: 70 °C maximum

Control: 100%

Option: Aluminum frame from 30 to 110mm in 10mm intervals



Reference	Dimensions [mm]	Media area [m²]	Flow [m³/h]/ΔP to 0,45m/s [m³/h/Pa]		Weight [Kg]
			H14	U15	
M-14-33-65-50-AP1	305×305×65	2.6	145/120	145/150	2
M-14-36-65-50-AP1	305×610×65	5.21	290/120	290/150	4
M-14-37-65-50-AP1	305×762×65	6.51	380/120	380/150	5
M-14-39-65-50-AP1	305×915×65	7.81	450/120	450/150	6
M-14-44-65-50-AP1	457×457×65	5.85	333/120	333/150	4
M-14-46-65-50-AP1	457×610×65	7.81	450/120	450/150	5
M-14-49-65-50-AP1	457×915×65	11.71	680/120	680/150	7
M-14-412-65-50-AP1	457×1220×65	15.61	1200/120	1200/150	13
M-14-418-65-50-AP1	457×1830×65	23.42	1380/120	1380/150	17
M-14-66-65-50-AP1	610×610×65	10.42	600/120	600/150	9
M-14-67-65-50-AP1	610×762×65	13.02	750/120	750/150	10
M-14-69-65-50-AP1	610×915×65	15.63	900/120	900/150	12
M-14-612-65-50-AP1	610×1220×65	20.84	1200/120	1200/150	15
M-14-615-65-50-AP1	610×1525×65	26.05	1500/120	1500/150	18
M-14-618-65-50-AP1	610×1830×65	31.26	1800/120	1800/150	20
M-14-77-65-50-AP1	762×762×65	16.26	950/120	950/150	13
M-14-79-65-50-AP1	762×915×65	19.52	1130/120	1130/150	16
M-14-712-65-50-AP1	762×1220×65	26.03	1060/120	1060/150	21
M-14-715-65-50-AP1	762×1525×65	32.54	1900/120	1900/150	24
M-14-718-65-50-AP1	762×1830×65	39.04	2280/120	2280/150	27
M-14-99-65-50-AP1	915×915×65	23.44	1350/120	1350/150	19
M-14-912-65-50-AP1	915×1220×65	31.26	1800/120	1800/150	23
M-14-915-65-50-AP1	915×1525×65	39.07	2250/120	2250/150	26
M-14-918-65-50-AP1	915×1830×65	46.88	2700/120	2700/150	29

* Filters are available in any specific size on request

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Applications: Final filtration for clean rooms and laminar flow equipment

Type: HEPA / ULPA fluid seal filter panel

Frame: Anodized aluminum profile

Gasket: Expanded polyurethane

Media: Fiberglass paper

Separators: Hot-melt separators

Sealant: Polyurethane

Grid: Epoxy painted grid upstream and downstream

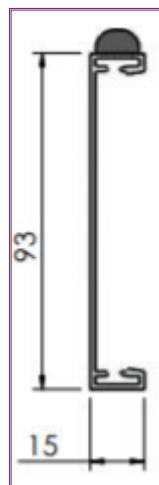
Efficiency EN 1822: H14 and U15

MPPS efficiency: 99.995% and 99.9995%

Temperature: 70 ° C maximum

Control: 100%

Option: Laminar veil (silk mesh)



Reference	Dimensions [mm]	Media area [m²]	Flow [m³/h]/ΔP to 0,45m/s [m³/h/Pa]		Weight [Kg]
			H14	U15	
M-14-36-93-78-AP1	305×610×93	7.8	430/120	430/150	5
M-14-37-93-78-AP1	305×762×93	9.75	570/120	570/150	6
M-14-49-93-78-AP1	457×915×93	17.57	1020/120	1020/150	8
M-14-412-93-78-AP1	457×1220×93	23.42	1800/120	1800/150	14
M-14-66-93-78-AP1	610×610×93	15.63	900/120	900/150	10
M-14-67-93-78-AP1	610×762×93	19.53	1120/120	1120/150	11
M-14-69-93-78-AP1	610×915×93	23.45	1300/120	1300/150	13
M-14-612-93-78-AP1	610×1220×93	31.26	1700/120	1700/150	16
M-14-6001210-93-78-AP1	600×1210×93	30.49	1700/120	1700/150	16

* Filters are available in any specific size on request

M150/292 Filter

M150/M292 Filter

The "M150 / 292" type filter is an H.E.P.A. or U.L.P.A. (also available in OPACIMETRIC) with pleated media in mini pleats and HOTMELT separators (which reduces the pressure drop compared to the flow). This filter is designed for filtration of ultrafine particles. It is used in the following fields: pharmaceutical, electronics, optics, research centers, clean rooms.

This panel filter comes in a wide variety of sizes and thicknesses.

It is used as a terminal filter for laminar flow hoods and in clean room ceilings.

The "M150 / 292" is suitable for installation in an air handling unit, for the filtration of clean rooms.

"M150 / 292" filters are tested according to the most recent and international standards, ISO 9001, US standard and EN 1822. Our "M150 / 292" filters are manufactured and packed in clean rooms and are guaranteed to be silicone free.

Applications: HEPA filter for high air flows

Type: Pleated filter

Frame: Aluminum

Gasket: Expanded polyurethane

Media: Fiberglass paper

Separators: Hot-melt separators

Sealant: Polyurethane

Efficiency EN 1822: H13-H14

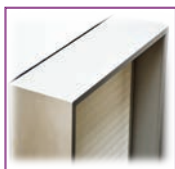
MPPS efficiency: 99.95 - 99.995%

Temperature: 70°C maximum

Max relative humidity: 100%

Mounting system: Contact us

Option: Laminar veil (silk mesh)



M150 Profile M292 Profile

Reference	Dimensions [mm]	Efficiency EN 1822	Media area [m²]	Flow / ΔP nominal [m³/h/Pa]	Weight [Kg]
M13-33-150-75-AP	305×305×150	H13	3.4	500/250	4
M13-36-150-75-AP	305×610×150	H13	6.7	1000/250	6
M13-46-150-75-AP	457×610×150	H13	10	1500/250	8
M13-66-150-75-AP	610×610×150	H13	13.4	2000/250	11
M13-33-292-170-AP	305×305×292	H13	7	700/250	5
M13-36-292-170-AP	305×610×292	H13	14	1400/250	7
M13-46-292-170-AP	457×610×292	H13	21	2100/250	9
M13-66-292-170-AP	610×610×292	H13	28	2850/250	12
M14-33-150-75-AP	305×305×150	H14	3.4	450/250	4
M14-36-150-75-AP	305×610×150	H14	6.7	900/250	6
M14-46-150-75-AP	457×610×150	H14	10	1400/250	8
M14-66-150-75-AP	610×610×150	H14	13.4	1800/250	11
M14-33-292-170-AP	305×305×292	H14	7	600/250	5
M14-36-292-170-AP	305×610×292	H14	14	1300/250	7
M14-46-292-170-AP	457×610×292	H14	21	1900/250	9
M-14-66-292-170-AP	610×610×292	H14	28	2600/250	12

* Filters are available in any specific size on request